



Product Sheet

# *Atopobium rimae* (ATCC® 49626™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**1**

## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Atopobium rimae* (ATCC® 49626™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** VPI D140H-11A [NCFB 2896]  
**Deposited Name:** *Lactobacillus rimae* Olsen et al.

## Propagation

### Medium

ATCC® Medium 1482: PYG plus 0.1% Tween 80

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Anaerobic gas mixture, 80% N<sub>2</sub>-10% CO<sub>2</sub>-10% H<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions (see below), withdraw 0.5 mL of recommended broth from a single test tube (5 to 6 mL) and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the broth tube. A slant and a #1482 or pre-reduced blood plate may also be inoculated with 0.1 mL each of the cell suspension. An aerobic blood plate may also be streaked to check for purity.
4. Incubate tubes and plate under anaerobic conditions at 37°C for 48-72 hours. Incubate blood plate aerobically at 37°C.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## Notes

Anaerobe Systems Brucella Blood plate (AS-111 or AS-141) can be used to analyze colony morphology and purity.

Colonies on Brucella agar are small, entire, glistening, circular, smooth, off-white, and low convex.

This strain has been sequenced as a reference genome for the NIH Human Microbiome Project.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S.

Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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## Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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